

Summary of ATF operations for the week of March 25-29

reported at ATF Friday Meeting, March 29 2013

- Beamline BL2 modification for AE50 - [Plasma Wakefields in the Quasi-Nonlinear Regime](#) experiment is completed. Initial characterization of the e-beam proved satisfactory. Experimenters are installing mini PMQs inside the interaction cell to achieve a few-um beam. Experiment will continue next weeks.
- Marc, Marcus and Misha spent a week for trouble-shooting and repair of the YAG laser electronics and triggering. The laser is used for illuminating a Si switch to protect CO2 against self-reflection from plasma in ion acceleration chamber. Job was finished on Friday. Ion acceleration experiment will resume next week.
- We had a kick-off meeting on the ATF II Proposal to be submitted to DOE in July. ATF II design will be coordinated by John Scaritka who will start topic meetings with ATF staff on various parts of the project. Next meeting is tentatively scheduled for Friday, April 5, 2:30 pm in ATF Meeting Room. Preliminary subject is Beamline Design and Modeling. John may update on the topic and participants. Simultaneously all the ATF contributors identified in the Ilan's e-mail from this weekend are encouraged to start putting in writing their thoughts and material for corresponding chapters of the Proposal. This shall be considered as an important and urgent assignment next in priority after doing necessary service to user experiments.